

REPORT DOCUMENTATION PAGE

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**GRAPHICS EQUIPMENT FOR REAL TIME
ANIMATION AND VIRTUAL DESIGN OF ELECTRONIC
MATERIALS PROCESSES**

AFOSR Grant No. F 496209810346

Grant Period: 3/1/98 – 2/28/99

Final Report

May 1999

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Final report

The objective of this research equipment grant was to purchase computing equipment to upscale the local graphics infrastructure and to accomplish successfully the research tasks of AFOSR/DARPA MURI project on "Integrated, Intelligent Modeling, Design and Control of Crystal Growth Processes." As proposed, Silicon Graphics Onyx 2 Infinite Reality Graphics Rack System has been purchased and networked with other computers in the Process Modeling Laboratory. This computer has greatly enhanced the graphics capability in this laboratory and is being successfully used for process animation. This has allowed interaction with the computer science faculty and students to further expand our research program for virtual design and prototyping. The new facility is also helpful to some other NSF and industrial projects.